

FILE NOTATIONS

Entered in NID File

Entered On S R Sheet

Location Map Filled

Card Indexed

IWR for State or Fee Land

Checked by Chief

Copy NID to Field Office

Approval Letter

Disapproval Letter

COMPLETION DATA:

Date Well Completed

OW

VW

TA

GW

OS

PA

Location Inspected

Bond released

State of Fee Land

LOGS FILED

Driller's Log

Electric Logs (No.)

E

I

E-I

GR

GR-M

Micro

Lat

MSL

Sonic

Others

Radioactivity Log

Unable to obtain Subsequent Report of Abandonment 7-21-61. Aug.

STATE OF UTAH
OIL AND GAS CONSERVATION COMMISSION
LOG OF OIL OR GAS WELL

FORM 0000-3

Well No. Sitton #1, which is located 1980 ft. from (E/S) line and 660 ft. from (E/W)
line of Section 17, Twp. 33S, R. 25E, S.L. -, San Juan
(Meridian) (Field or Unit) (County)

The information given herewith is a complete and correct record of the well and all work
done thereon so far as can be determined from all available records as of 3-7-57
and is to be kept confidential until - 19 - (See Rule C-5)

Drilling operations were (~~completed~~) (~~suspended~~) Temporarily (abandoned) on 7-18-56

Date: -, 19 - Signed: - Title: -
Company: -

OIL OR GAS SANDS OR ZONES

No. 1. from - to - No. 3. from - to -
No. 2. from - to - No. 4. from - to -

IMPORTANT WATER SANDS OR ZONES

No. 1. from - to - No. 3. from - to -
No. 2. from - to - No. 4. from - to -

CASING RECORD

Size of Hole	Size Casing	Weight per ft.	Threads per Inch	Make	Amount	Kind of Shoe	Set & Pulled from	Perforated from to	Purpose
								5808-5815 5636-5714	
8 3/4	7			No information available				5582-5592 5236-5276	

MUDDING AND CEMENTING RECORD

Size Casing	Where Set	Number of Sacks of Cement	Method Used	Mud Gravity	Amount of Mud Used
		No information available			

TOOLS USED

Cable Tools were used from - to - and from - to -
Rotary Tools were used from Surface to 6084 and from - to -

PRODUCTION

Put to producing: -, 19 -
OIL WELLS: The production during the first 24 hours was - barrels of liquid of which
1 was oil; 1 was emulsion; 1 was water; and 1
was sediment. Gravity: -

GAS WELLS: The production during the first 24 hours was MCF plus
barrels of liquid hydrocarbon. Shut in Pressure - lbs. Length of time shut in -

FORMATION RECORD (Over)

From	To	Thickness in feet	Formation	From	To	Thickness in feet	Formation

HISTORY OF WELL

(if additional space is needed use back of page or attach separate sheet)

FORMATION RECORD

	<u>From</u>	<u>to</u>	<u>Thickness</u>
Dakota Surf.	0	198	198
Morrison	198	750	552
Summerville	750	940	190
Curtis	940	1015	75
Entrada	1015	1245	230
Carson	1245	1285	40
Navajo	1285	1385	100
Kayenta	1385	1595	210
Wingate	1595	1995	400
Chinley	1995	2535	540
Shinarump	2535	2629	94
Moenkopi	2629	2705	76
Cutler	2705	3785	1080
Rico	3785	5335	1550
Hermosa	5335	5561	226
Paradox	5561	6081	520
Salt	6082	-	-

MAR 20 1957

Number	Location	Operator and Well No.	Field and Area	Completion or Abandonment Date	Elevation	Age of Rocks		Formation Tops	Shows or Producing Zones	Total Depth	Status	
						Surface	Bottom					
261	SENW 26 31S 23E	Skelly Oil #1 Unit	Cataract Canyon	2-10-58	6487 G	Cedar Mesa	Leadville	Rico Hermosa Upper Paradox Pinkerton Trail Molas Leadville	535 975 2033 2493 2660? 2685	Core 1752-66 spotty oil stain	2829	P-A
264	NWSE 28 32S 19E	Texaco #1 Unit	Cataract Canyon	11-17-56	7126 KB	Cedar Mesa	Cambrian	Hermosa Paradox Mississippian Devonian Cambrian	852 1937 2980 3584 3904	Core 3205-64 brown oil stain	4944	P-A
265	NWNE 11 33S 16E	Mobil Oil #2 Govt.	Lean-to	2-15-60	6213 G	Cedar Mesa	Miss.	Halgaito Hermosa Ismay Desert Creek Mississippian	1042 1450 2327 2598 3465?	DST 2705-2763 Rec. 140 feet slightly muddy scum of oil	3665	P-A
266	SWSW 36 33S 18E	Sinclair O & G #1 Unit	Dark Canyon	7-18-58	7945 DF	Organ Rock	Miss?	Hermosa Paradox Salt Molas Mississippian	1354 2536 2765 3520 3627	Core 2523-73 faint oil stains Core 2583-2689 slight odor	4041	P-A
267	SWNW 16 33S 25E	White Can. Mng. #4 Sitton	Monticello	9-3-58	6791 G	Dakota	Paradox Salt	Morrison Summerville Curtis Entrada Carmel Navajo Kayenta Wingate Chinle Shinarump Moenkopi Cutler Rico Hermosa Paradox Salt	283 685 897 1000 1203 1242 1533 1603 2036 2552 2642 2705 3767 4436 5564 6068	DST 5550-92 rec 95 feet gas-cut mud DST 5885-5945 Rec. 50 feet oil and gas-cut mud.	6083	P-A
268	NESE 17 33S 25E	White Can. Mng. #1 Sitton	Monticello	5-59	6814 G	Dakota	Paradox Salt	Hermosa Paradox Anhydrite	4335 5558 5734	Former Byrd-Frost #1 Boulder Knoll TD 5828 5636-5714-30 to 50 mcf/gpd 5190-5200-40 to 50 mcf/gpd 5803-21-1600 mcf/gpd	6084	P-A
269	SENE 20 33S 25E	White Can. Mng. #2 Sitton	Monticello	7-18-56	6833 DF	Dakota	Paradox Salt	Hermosa Paradox	4453 5563	Gas zones: 5184-5204, 5572-92, 5614-54.	5682	Temp. Abn.
270	CSW 21 33S 25E	White Can. Mng. #3 Sitton	Monticello	7-25-55	6815 DF	Cret.	Paradox	Cutler Hermosa Paradox Salt	2715 4460 5559 6063	Gas zones: 5606-26, 5574-84	6087	Temp. Abn.
271	SWSW 32 33S 26E	Carter Oil #1 Leverton-State	Bull Hollow	6-10-58	6826 G	Jurassic	Paradox	Entrada Carmel Navajo Chinle Cutler Hermosa Paradox	1108 1250 1280 1988 2625 4368 5849	DST 5922-82 rec 20 feet gas-cut mud DST 5558-5712 rec. gas in 10 min. 90,000 to 114,000 cubic feet per day DST 5442-5536 rec. 60 feet gas cut mud	5982	P-A
272	NWSW 1 34S 17E	Sinclair O & G #2 Unit	Dark Canyon	8-22-58	7629 DF	Cedar Mesa	Molas	Hermosa Paradox Molas	1310 2464 3352	Lost circulation	3421	P-A
273	SWNW 18 34S 17E	Gen. Pet. #1 Govt.	Lean-to	12-22-59	6726 KB	Triassic	Madison	Halgaito Hermosa	1015 1395		3627	P-A

March 21, 1957

Travis H. Redman
White Canyon Mining Company
200 North 6th Street
Grand Junction, Colorado

Re: Sitton Wells Nos. 1,
2 and 3

Dear Mr. Travis:

This letter is to acknowledge receipt of the Forms OGCC-3,
Log of Oil or Gas Well, for the above mentioned wells.

Please be advised that this Commission appreciates the
trouble you have gone to in order to obtain the information
furnished, and wishes to thank you for your cooperation in
this matter.

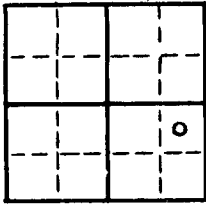
With best good wishes, I remain,

Sincerely yours,

OIL & GAS CONSERVATION COMMISSION

CLEON B. FEIGHT
SECRETARY

CBF:cn



STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION

STATE CAPITOL BUILDING
 SALT LAKE CITY 14, UTAH

Fee and Patented.....☒
 State☐
 Lease No.
 Public Domain☐
 Lease No.
 Indian☐
 Lease No.

SUNDRY NOTICES AND REPORTS ON WELLS

Notice of Intention to Drill..... Notice of Intention to Change Plans..... Notice of Intention to Redrill or Repair..... Notice of Intention to Pull or Alter Casing..... Notice of Intention to Abandon Well.....	<input checked="" type="checkbox"/>	Subsequent Report of Water Shut-off..... Subsequent Report of Altering Casing..... Subsequent Report of Redrilling or Repair..... Supplementary Well History.....
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(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

5-12-, 19 59

Well No. Sitton #1 is located ft. from $\begin{Bmatrix} N \\ S \end{Bmatrix}$ line and ft. from $\begin{Bmatrix} E \\ W \end{Bmatrix}$ line of Sec.
C NE SE Sec. 17 T. 33S. R. 25E. SLBM
(¼ Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Monticello (W) San Juan Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 6825 feet.

A drilling and plugging bond has been filed with

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important work, surface formation, and date anticipate spudding-in.)

Well is to be plugged and abandoned in accordance with instructions of Commission Engineer, H. G. Henderson, as follows:-

1. Retrieve as much casing as possible.
2. 100' cement plug 5500'.
3. 100' cement plug at top cut-off, casing stub.
4. 50' plug at +/- 1250. (Top of Navajo).
5. 10 sacks surface plug.
6. Set regulation dry hole marker.

*Plugging approved
H. G. Henderson*

I understand that this plan of work must receive approval in writing by the Commission before operations may be commenced.

Company White Canyon Mining Company
 Address 1129 Colorado Avenue
Grand Junction, Colorado

UNITED CASING PULLERS, INC.
 By J. O. Barnett
 Title President

INSTRUCTIONS: A plat or map must be attached to this form showing the location of all leases, property lines, drilling and producing wells, within an area of sufficient size so that the Commission may determine whether the location of the well conforms to applicable rules, regulations and orders.

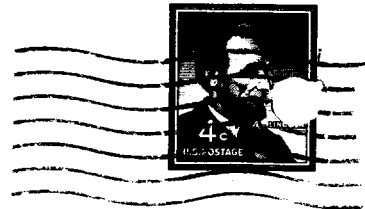
AFTER TEN DAYS RETURN TO

OIL & GAS CONSERVATION COMMISSION

310 Newhouse Building

10 Exchange Place

Salt Lake City, Utah



Reason checked
Moved, left no address ☒ refused
No such address
No such number
Firm dissolved, no longer in business
Carrier's initials

REASON CHECKED
Unclaimed ☐ Refused ☐
Unknown ☐
Insufficient address ☐
Moved, Left no address ☐
No such post office in state ☐
Do not remain in this envelope

Jim Barnett
United Casing Pullers
~~Farmington, New Mexico~~

Advise your correspondents or
publishers of your correct
mailing address.

1205 Kingston
Casper, Wyoming

WHITE CANYON MINING CO.

~~XXXXXXXXXXXX~~

Grand Junction, Colorado
1129 Colorado Avenue
November 3, 1959

Mr. H. G. Henderson
Utah Oil & Gas Commission
310 Newhouse Building
Salt Lake City, Utah

Dear Mr. Henderson:

As we advised you via telephone conversation today, we are enclosing herewith copies of "Notice of Intention to Abandon Well" so that your file will be complete to date on Sitton #1, #2, and #3. You will note that you signed same on May 12, 1959.

When work has been completed by Mr. Barnett and "Subsequent Report" received by our office, we will advise you so that your regular inspection can be made at that time.

We appreciate the cooperation we have received from your office and the Moab office on this matter.

Yours very truly,

Troy E. Wade
Office Manager

TEW:bb
cc: FJM

June 20, 1961

To: Harvey Coonts
Petroleum Engineer
U O&GCC - Moab

Dear Harvey:

Upon checking through the well files for White Canyon Mining Company, Wells No. Sitton 1, 2 and 3, we found a copy of your letter to Jim Barnett, United Casing Pullers, dated November 6, 1959, requesting a Subsequent Report of Abandonment for each of the wells.

We have not heard from you relative to these reports. If you have received them, please send a copy of each to us for the well files. If you haven't received them, perhaps you might write him again.

ANN

July 3, 1961

Ann:

In reference to your note regarding the White Canyon Mining Company Wells No. Sitton 1, 2, and 3; on or about ~~Nov~~ Oct. 27, 1959 I checked the abandoned locations of these wells. There were no markers on the wells however the locations had been cleaned. I called White Canyon Mining in Grand Junction and they told me that Jim Barnett had a contract with them to clean up the wells and that the responsibility was his. In the mean time, White Canyon Mining sent the "Intention to Abandon" reports to Doc Henderson. I then wrote Jim Barnett that I had checked the well sites and they were satisfactory and for him to send in the three Subsequent Report of Abandonment to Salt Lake City Office. Apparently he never did.

Incidentally, do you have a letter to H G Henderson dated Nov 3, 1959 from Mr Troy Wade, Office Manager, White Canyon Mining Co? Also the three Notice to Abandonment? These should be in your well files because I have a Thermofax copy from your office.

I suggest you write this Jim Barnett and ask him again for the reports. If he is not still in Farmington, you might write White Canyon to see if they know where he might be reached.


HARVEY



COMMISSIONERS

C. R. HENDERSON
CHAIRMAN

M. V. HATCH
C. S. THOMSON
E. W. CLYDE
W. G. MANN

EXECUTIVE SECRETARY
C. B. FEIGHT

THE STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION

310 NEWHOUSE BUILDING
10 EXCHANGE PLACE
SALT LAKE CITY 11

July 12, 1961

PETROLEUM ENGINEERS

ROBERT L. SCHMIDT
CHIEF ENGINEER
SALT LAKE CITY

H. L. COONTS
BOX 266
MOAB, UTAH

Jim Barnett
United Casing Pullers
Farmington, New Mexico

Re: White Canyon Mining Company
Wells Nos. Sitton 1, 2, and 3

Dear Mr. Barnett:

Upon checking through our files, we find that we do not have Subsequent Reports of Abandonment on any of the above mentioned wells. It is our understanding that your company had a contract with the White Canyon Mining Company to clear up the well locations and complete the abandonment work on these wells. We have received no further information on the abandonment since 1959.

We would appreciate knowing if the abandonment work was performed and if so, will you please furnish us the necessary information relating to the work performed by completing the enclosed form and forwarding it to this office.

Very truly yours,

OIL & GAS CONSERVATION COMMISSION

Ann W. Glines
ANN W. GLINES, *by KRB*
RECORDS CLERK

AWG:kpj

cc: Troy E. Wade
Yuba Development Corporation
1129 Colorado Avenue
Grand Junction, Colorado

Enclosure

July 12, 1961

Jim Barnett
United Casing Fullers
Farmington, New Mexico

Re: White Canyon Mining Company
Wells Nos. Sitton 1, 2, and 3

Dear Mr. Barnett:

Upon checking through our files, we find that we do not have Subsequent Reports of Abandonment on any of the above mentioned wells. It is our understanding that your company had a contract with the White Canyon Mining Company to clear up the well locations and complete the abandonment work on these wells. We have received no further information on the abandonment since 1959.

We would appreciate knowing if the abandonment work was performed and if so, will you please furnish us the necessary information relating to the work performed by completing the enclosed form and forwarding it to this office.

Very truly yours,

OIL & GAS CONSERVATION COMMISSION

ANN W. GLINIS,
RECORDS CLERK

AWG:kpj

cc: Troy E. Wade
Yuba Development Corporation
1129 Colorado Avenue
Grand Junction, Colorado

Enclosure

THE STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION
Salt Lake City 14, Utah

September 25, 1956

White Canyon Mining Co.
Dove Creek,
Colorado

Gentlemen:

It has come to the attention of this office that Well No. Sutton #1, which was drilled by you on Section 17, Twp. 33 South Range 25 East, San Juan County, has been completed, plugged and abandoned, or shut down as of about 6/2/56, 1956.

Rule C-5 (a), General Rules and Regulations and Rules of Practice and Procedure, Utah Oil and Gas Conservation Commission, provides that within 90 days after the suspension of operations, abandonment of, or the completion of any well drilled for the production of oil or gas and within 90 days after the completion of any further operations on it, if such operations involved drilling deeper or drilling or re-drilling any formation, the well log shall be filed with the Commission, as well as a copy of the electric and radioactivity logs, if run.

If our information is correct, will you please forward the well log or logs to this office as required by the above mentioned rule. If our information is not correct, will you so notify us.

Yours very truly,

OIL & GAS CONSERVATION COMMISSION

CLEON B. FEIGHT

CBF:ro

WHITE CANYON MINING COMPANY

1133 WEST MCDOWELL ROAD
PHOENIX, ARIZONA

POST OFFICE BOX 57
DOVE CREEK, COLORADO

October 26, 1956

The State of Utah
Oil & Gas Conservation Commission
Salt Lake City 14, Utah

Attention: Cleon B. Feight

Gentlemen:

In compliance with your letters of September 25, 1956
we are forwarding Radioactivity Logs on the following
wells:

Sitton No. 1
Sitton No. 2
Sitton No. 3

WHITE CANYON MINING CO.



F. A. SITTON

FAS:1b
Enclosures

October 31, 1956

White Canyon Mining Company
P. O. Box 57
Dove Creek, Colorado

Gentlemen:

This is to acknowledge receipt of the Radioactivity Logs
for Wells Nos. Sitton 1, 2, and 3.

It would be greatly appreciated if you would complete one
of the enclosed forms, OGCC-3, Log of Oil or Gas Well, for
each of these wells and return them to this office as soon
as possible.

Thank you for your cooperation in this matter.

Yours very truly,

OIL & GAS CONSERVATION
COMMISSION

CLEON B. FEIGHT
SECRETARY

CBF:cn

February 5, 1957

White Canyon Mining Company
P. O. Box 1720
Fort Worth 1, Texas

Gentlemen:

On October 31, 1956 the following letter was sent to you:

"This is to acknowledge receipt of the Radioactivity Logs for Wells No. Sitton 1, 2, and 3.

It would be greatly appreciated if you would complete one of the enclosed Forms OGC-3, Log of Oil or Gas Well, for each of these wells and return them to this office as soon as possible.

Thank you for your cooperation in this matter."

Please expedite this matter.

Yours very truly,

OIL & GAS CONSERVATION COMMISSION

CLEON B. FEIGHT
SECRETARY

CBF:en

cc: White Canyon Mining Company
P. O. Box 57
Dove Creek, Colorado

WHITE CANYON MINING CO.

200 North 6th Street

Grand Junction, Colorado
February 19, 1957

The State of Utah
Oil & Gas Conservation Commission
Salt Lake City 14, Utah

Attention: Mr. Cleon B. Feight

Dear Sir:

This letter is in reply to your letter of
February 5, 1957.

We are sorry that your letter of October
31st, 1956 apparently became misplaced during a
change in management of White Canyon Mining Company.

We shall immediately attempt to locate the
missing correspondence together with the information
required by you concerning the Sitton 1, 2, and 3
Wells and forward this information to you.

Very truly yours,



Travis H. Redman,
Vice President

THR/cg

WHITE CANYON MINING CO.

200 North 6th Street

Grand Junction, Colorado

March 14, 1957

Mr. Cleon B. Feight, Secretary
Oil and Gas Conservation Commission
The State of Utah
Salt Lake City 14, Utah

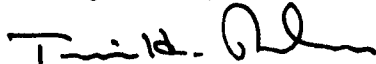
Dear Sir:

In regard to your request for Form OGCC-3 for Sitton Wells 1, 2, and 3 in your letter dated February 6, 1957, I am attaching three such forms filled out to the extent which the limited information available allows.

We have contacted Mr. F. A. Sitton, former president of the White Canyon Mining Company and requested details of these three wells which would enable us to properly complete the forms. He was unable to provide much information particularly in regard to casing operations. We have likewise searched the White Canyon Mining Company files as supplied us by Mr. Sitton upon the change of management.

I hope that the limited information presented on these forms will serve your purpose. If not, we will have to run down the drilling contractors and see if they can supply some of the missing information from memory. It is obvious that during the period in which the wells were drilled White Canyon Mining Company did not keep very good records of this operation.

Very truly yours,



Travis H. Redman

THR/cg

Attachment

Bryon Frost Inc. Sec 17-335-25E
#1 Section San Juan, Utah

COREING & DRILL STEM TEST RECORD

43-037-11437

- CORE #1 Cored 2543-58' Rec 14'. 2543-50 - red mica siltstone, sl calc (hd & tight)
2550-55 - vvf red mica ss (hd & tight). 2555-58 - red mica siltstone, sl
calc (hd & tight)
- CORE #2 Cored 2558-2572. Rec 17'.
2558-63 vvf red mica ss sl calc (hd & tight)
2563-65 vvf gy mica ss sl calc (hd & tight)
2565-72 br red sl calc mica siltstone, (hd & tight)
2572-75 vvf gry & red br, sl calc mica ss (hd & tight)
- CORE #3 Cored 2575-2592. Rec. 17'.
2575-92 f-med gy mica sl calc ss, w/gilsonite and/or kerogen or blk petrified
wood disseminated throughout (hd & tight).
- CORE #4 Cored 2592-2610. Rec. 17'.
2592-2602 f gy v mica sl calc ss w/gilsonite and pyrite streaks (hd & tight).
2602-2610 coarse calc cong with gr shale & marb inclusions (hd & tight).
- CORE #5 Cored 2610-2629. Rec. 18'.
2610-29 cong of Igneous constituents imbedded in a green to brown shaley
matrix. The amt. of shale increases steadily from 2610-29. A trace of
asphaltic like residue was present a 2626. (hd & tight).
- CORE #6 Cored 4920-33. Rec. 3'.
por 1½' coarse cong ss sl calc, lt gy gr matrix. 1' of med. dk gy hd
limey siltstone. sh por ½' coarse limey ss interbedded with dk gy mica sh &
siltstone.
- CORE #7 Cored 5080 - 95. Rec. 10'.
v dk gy to blk dense sl calc dolic ls & limey sh. some sl mica and few
brach casts. Vert frac from 5087 to 5090.

CORES 1 - 7 were taken with Reed Conventional Core Bit.

DIAMOND CORES

- CORE #8 Cored 5348-5372 (full rec).
5348-67 med gr-gy dense chalky and dolic ls w/oolites & crinoids w/asphaltic
like residue.
5367-72 med gr gy dense shaley ls and doliac ls alternating. No porosity
or vert frac.
- CORE #9 Cored 5372-5427 (full rec)
5373-90 med br gy dense dolic ls w/asphaltic like residue vert frac from
5382-86.
5390-5427 med to dk gy dense dolic ls w/vert frac zone starting @ 5410.
Asphaltic like residue traces dk gy to blk dense shaley ls @ base.
- CORE #10 Cores 5427-32 (full rec)
5428-32 dk gy-blk dense sl aley ls and limey shale w/vert frac.

DST #1

Packer set @ 5232. Test to T.D. 5432. Tool open: 1hr & ten min. Recorded: weak
steady bubble for 55 min then started decreasing & dead in 1 hr 6 min.

DST #1 (Cont)

Recovered: 50' very sl GCM. Hyd mud wt - 2780#. BHFP - 190#. SIP - 190#.

CORE #11 Cored 5432-34 (full rec).
5452-34 - dk gy to blk v dense shaley ls vertically fractured.

CORE #12 Cored 5434-55. (full rec)
5435-40 - med-ck gy dense dolc ls w/abundant oolites and interbedded pyrites. (v frac)
5440-5455 - dk gy to black dense mica fossiliferous (oolites & crinoids) shaley ls & limey shale (v frac).

DST #2

Packer set @ 5395, test to TD 5455. Tool open 1 hr. 17min. Recorded - fair bubble for 30 min then started decreasing dead in 52 min - closed tool filled hole and reopened same. Blow was weak for 10 min then started dec and dead in 25 min. Recovered 310' gas cut mud sl. Hyd mud wt - 2780#. BHFP - 40-195#. SIP 195#.

CORE #13 Cored 5455-5496. (Full rec.)
5455-72 - med-dk gy dense silty and finely X yaline ls. same lithog slightly fossiliferous & mica. (v frac)
5472-5496 - med-dk gy dense limey siltstone & silty ls (v frac). (v sl bleed).

DST #3

Packer set @ 5448. Test to TD 5496. Tool open 1 hr. Recorded - good bubble for 15 min. decreasing thereafter and dead in 1 hr. Recovered 500' gas cut mud. Hyd mud wt. 2920#. BHFP 260#. SIP 260#.

CORE #14 Cored 5497-5523. (Full rec.)
5497-5523 - dk gy-blk dense fossil limey shale & silty ls & shaley ls (v frac) (v sl bleed).

DST #4

Packer set @ 5462. Test to TD 5523. Tool open 50 min. Recorded fair bubbled for 15 min, decreasing thereafter and dead in 50 min. Recovered 210' gas cut mud. Hyd mud wt - 2930#. BHFP 60 - 0#. SIP - 0#.

CORE #15 Cored 5524 - 33. (Full rec)
5524-33 Dk gy-blk sl carb shaley ls & calc sh (vert frac).

CORE #16. Cored 5534-71. (Full rec.)
5534-58 dk gy-blk slt mica fossiliferous sl carb calc sh w/to asphaltic like res.
5558-71 - black - very dk gy sl carb calc silty sh. Sl salty (v sl bleed) vert frac throughout core.

DST #5

Packer set @ 5462½. Test to TD 5571. Tool open 1 hr. Recorded. Grad blow for 15 min. dec and dead in 1 hr. Recovered 570' sl gas cut mud. Hyd mud wt 2900#. BHFP 310#. SIP - 310#.

CORE #17 Cored 5572 - 99 (full rec)
5572-84 dk gy to blk sl mica sl carb sl calc sh., fossiliferous and tr
asphaltic like residue.
5585-97 fine med crse v micaceous calcareous ss.
5598-99 blk dense mica sl carb sl calc sh.

DST #6

Packer set @ 5579. Test to TD 5599. Tool open 1 hr 10 min. Recorded: good blow throughout test with gas to surface in 30 min. Recovered: 400' gas cut mud. Hyd mud wt - 2960#. BHFP 350#. SIP 640#.

CORE #18 Cored 5600-24. (Full rec)
5600-05 dk gy & gr dense sl carb calc & Mica sandy sh and siltstone.
5605-16 fine to very fine tight & dense highly mica sl calc ss dk gr to
blk very shaley as a whole.
5616-24 dk gr very mica sl carb shaley ls.

DST #7

Packer set @ 5579. Test to TD 5624. Tool open 25 min. Recorded: good blow immediately but packer failed. Considerable jarring took place in order to pull the core and circulation time was not sufficient to return all the cuttings and cavings which settled out on bottom, therefore the packer was seated in fractured strata rather than the competent seat expected. Recovered 1,025' mud.

CORE #19 Cored 5625-44. Full Rec.
5625-32 - dk gr & gy gr dense fossiliferous sl mica, chalky, granular &
dolic ls.
5633 med gr dense limey fibrous (gy py) sh.
5634-44 - dk gr dense mica ls. fossiliferous @ 43 observed metallic shard
like inclusions.

DST #8

Packer set @ 5465. Test to TD 5644. Tool open 1 hr 30 min. Recorded: fair blow decreasing after 15 min, dead in 39 min, closed and reopened tool because tool partially plugged by cementing material. Recovered 685' gas cut mud. Hyd mud wt - 2960#. SIP - 1st - 39 min - 560#. Open & shut tool 500#. BHFP - 500#.

CORE #20 Cored 5644-77 full rec.
5645-55 - dk gr blk dense fine grained dolic ls, sl carb w asphaltic
like residue, fossiliferous with oolites & brach cast.
5655-68 dk gr dense granular fossil (brach & oolites) ls with green
chert inclusions.
5668 fine grained dk gr-blk dolic ls.
5670-77 dk gr blk dense & calc sh sl carb w asphaltic like res.

DST #9

Packer set @ 5626. Test to TD 5677. Tool open 30 min. Recorded: slight blow dec after 10 min & dead in 30 min. Recovered: 90feet gas cut mud. Hyd mud wt - 2940# BHFP - 0#. SIP - 0#.

CORE #21 Cored 5678-5722. (Full rec)
5678-87 - blk sh gy dense sl mica, sl carb, calc silty shale. sl fossils
(crinoids) tr asphaltic like res.

CORE #21 (Continued)

5687-93 - blk dk gy & gr dense sl carb shaley ls & limey sh. Fossiliferous.
5694-97 - blk dense fossil calc sh.
5698-5700 - blk dense fossil limey sh.
5700-22 - blk - gr dense sl carb limey sh w few crinoid stems, and gr
spicular chert @ base.

DST #10

Packer set @ 5660. Test to Td 5722. Tool open 30 min. Recorded: slight blow decreasing after 10 minutes and dead in 30 minutes. Recovered: 30' sl gas cut mud. Hyd mud wt - 3020#. BHFP - 0#. SIP - 0#.

CORE #22 Cored 5722-77 (full rec)

5723-33 med-dk gy gr dense dolc ls w/tr gr chert and sl mica.
5734-47 - dk gr dense limey sh w/white anhydrite streaks.
5748-77 dk gr, blk dense ls v sl carb with wh anhydrite streak at base.

DST #11

Packer set @ 5677. Test to TD 5777. Tool open 30 min. Recorded sl blow decreasing after 10 min and dead in 20 min. Recovered 40' sl gas cut mud. Hyd mud wt - 3020#. BHFP - 0 - 100#. SIP - 0-100#.

CORE #23 Cored 5778-5831 (full rec).

5778-81 Blk sl calc sl carb pyritic anhydritic sh.
5782-94 - Ck gy to blk dense shaley ls, abalt anhydrite.
5795 - Dk buff dense limey sh, anhyd.
5796 - 99 - Dk gry to blk dense sl carb limey sh & dolo, anhyd
5800 - 09 Dk gy to buff dense limey dolo w anhydrite
5810-18 - Med gy br porous shaley dolo, anhydrite stks.
5819-31 - Med dk gy dense dolc ls, w/anhydrite.

DST #12

Packer set @ 5738, test to TD 5831. Tool open 1 hr 10 min. Recorded good blow increasing throughout test with gas to surface in 20 min, g gd 990,000 cubic ft. Recovered 450' gas cut mud. Hyd mud wt - 2980#. BHFP - 280#. SIP - 1920#.

Cores 8 thru 23 were cut with Christenson Diamond Coring Bit.